

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A lamp apparatus for a vehicle comprising:
a body frame having a lamp unit including a supporting member;
said lamp unit having a light emitting diode as a light source in a lamp body; and
voltage adjustment means for adjusting a voltage to be applied to said light emitting diode;

wherein said voltage adjustment means is provided separately outside said lamp body,
and

wherein the supporting member includes an insertion hole for receiving the lamp unit and an accommodation portion adjacent to the insertion hole, said accommodation portion having a shape corresponding to a shape of the voltage adjustment means such that said voltage adjusting means is disposed integrally within an the accommodation portion of the supporting member.

2. (Canceled).

3. (Previously Presented) The lamp apparatus for a vehicle according to claim 1, and further including a lamp relay apparatus.

4. (Original) The lamp apparatus for a vehicle according to claim 1, and further including a relay operatively connected to said voltage adjustment means for selectively turning said lamp unit on and off.

5. (Original) The lamp apparatus for a vehicle according to claim 4, wherein said relay includes an oscillation circuit, a relay coil excited by an output from the oscillation circuit and an armature for operating in response to a magnetic force from the relay coil.

6. (Original) The lamp apparatus for a vehicle according to claim 1, and further including a relay operatively connected to said voltage adjustment means for selectively turning said lamp unit on and off, said relay and said voltage adjustment means being disposed in a separate housings relative to each other.

7. (Currently Amended) A blinker apparatus for a vehicle comprising:
a blinker having a light emitting diode as a light source in a lamp body;
and
voltage adjustment means for adjusting a voltage to be applied to said light emitting diode;
wherein said voltage adjustment means is integrally provided in a blinker relay separately from said lamp body, and
wherein the blinker relay is directly attached to a vehicle body frame of the vehicle.

8. (Previously Presented) The blinker apparatus for a vehicle according to claim 7, wherein said voltage adjustment means is a resistor.

9. (Previously Presented) The blinker apparatus for a vehicle according to claim 7, and further including a lamp relay apparatus, said voltage adjustment means being positioned within said lamp relay apparatus and being provided separately relative to the lamp body.

10. (Previously Presented) The blinker apparatus for a vehicle according to claim 7, and further including a relay operatively connected to said voltage adjustment means for selectively turning said light emitting diode on and off.

11. (Previously Presented) The blinker apparatus for a vehicle according to claim 10, wherein said relay includes an oscillation circuit, a relay coil excited by an output from the

oscillation circuit and an armature for operating in response to a magnetic force from the relay coil.

12. (Previously Presented) The blinker apparatus for a vehicle according to claim 7, and further including a relay operatively connected to said voltage adjustment means for selectively turning said light emitting diode on and off, said relay and said voltage adjustment means being disposed in a separate housings relative to each other.

13. (Canceled).

14. (Currently Amended) A lamp apparatus for a vehicle wherein a light emitting diode is used as a light source comprising:

voltage adjustment means for adjusting a voltage to be applied to said light emitting diode; and

a lamp body case formed of a heat radiating member, said voltage adjustment means being attached to said heat radiating member and said light emitting diode being attached to said heat radiating member in a spaced relationship from said voltage adjustment means,

wherein the lamp body case includes a bottom wall and a circumferential wall so as to form a tubular-shaped lamp body case having an opening on a side opposite to the bottom wall, and includes a high heat radiating cover covering the opening, and

wherein the bottom wall has a greater thickness relative to the circumferential wall of the lamp apparatus such that the light emitting diode is attached to said heat radiating member in the spaced relationship from the voltage adjustment means by a distance corresponding to the thickness of the bottom wall.

15. (Currently Amended) The lamp apparatus for a vehicle according to claim 14, wherein the voltage adjustment means is positioned on the bottom wall disposed directly adjacent to the light emitting diode.

16. (Cancelled).

17. (Previously Presented) The lamp apparatus for a vehicle according to claim 14, and further including a resistance circuit wherein the resistance circuit is positioned on the circumferential wall of the lamp apparatus.

18. (Original) The lamp apparatus for a vehicle according to claim 17, and further including an electric circuit, said electric circuit being spaced apart from the resistance circuit with a partition wall being disposed therebetween.

19. (Previously Presented) The lamp apparatus for a vehicle according to claim 14, and further including a resistance circuit attached to an inner side of the cover.